

Abstract

This invention concerns an enzymatic reagent for measuring the analyte concentration in a patient by determination of oxidation rate of a reduced coenzyme. Said reagent is stabilized by the coenzyme reduction system which makes the reduced coenzyme in the reagent regenerate continuously throughout a long storage. This coenzyme reduction system comprises an enzyme having high specificity for said substrate, which results that the quantity of enzyme and substrate originally used in the reagent is reduced and the stability of reagent is improved. The reagent is a sole liquid. An essential part of the invention is a reagent to determine the analytes for example aspartate aminotransfase, alanine aminotransferase and urea.